Ø 001/015

JUL 0 9 2007

MELVIN KRAUS
WILLIAM I SOLOMON
GREGORY E. MONTONE
RONALD J. SHORE
DONALD E. STOUT
ALAN E SCHIAVELLI
PAUL J. SKWIERAWSKI
ALFRED A. STADNICKI

DONALD R, ANTONELLI (1935-2005) "AIXMITTED OTHER THAN VA LAW OFFICES

ANTONELLI, TERRY, STOUT & KRAUS, LLP

SUITE 1800

1300 NORTH SEVENTEENTH STREET ARLINGTON, VIRGINIA 22209 TELEPHONE (703) 312-6600 FACSIMILE (703) 312-6666 aschiavelli@antonelli.com OF COUNSEL DAVID T TERRY JESSICA H. BUI' LEONID D THENOR'

ASSOCIATE JESSE A FENTY

PATENT AGENT LARRY N ANAGNOS

July 9, 2007

VIA FACSIMILE - 15 PAGES (Including This Cover)

Commissioner for Patents
POB 1450, Alexandria, VA 22313-1450
Transmitted to USPTO Central Fax No. 571-273-8300

Applicants:

Benoit NOETINGER et al.

Serial No.: Filed:

10/542,490 July 15, 2005

For.

MÉTHOD FOR DETERMINING ZONES IN A STRATIFIED MEDIUM WHERE THE

INTERFACE BETWEEN A FLUID IN PLACE IN THE MEDIUM AND A FLUSHING FLUID

MOVES IN A STATIONARY MANNER

Art Unit: Examiner:

Docket No.

2128 Jones, H.

612.45186X00

Sir:

Applicant hereby transmits the attached "Amendment (13 pages) and one sheet of Replacement Drawing (1 page)" regarding the above-identified application.

CERTIFICATE OF TRANSMISSION:

I hereby certify that the attached "Amendment (13 pages) and one sheet of Replacement Drawing (1 page)" are being <u>FORMALLY TRANSMITTED</u> via the USPTO Central Fax No. 571-273-8300 on 9 July 2007.

Alan E. Schiavelli Registration No. 32,087

CONFIDENTIALITY NOTICE: The documents accompanying this facsimile transmission contain confidential information belonging to the sender which is legally privileged. This information is intended only for the use of the individual(s) or entity(ies) named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this facsimile information is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone to arrange for return of the original document to us.

612,45186X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benoit NOETINGER et al.

Serial No.: 10/542,490

Filed:

July 15, 2005

For:

METHOD FOR DETERMINING ZONES IN A STRATIFIED MEDIUM WHERE THE INTERFACE BETWEEN A FLUID IN PLACE IN THE MEDIUM AND A FLUSHING FLUID MOVES IN

A STATIONARY MANNER

Art Unit:

2128

Examiner:

Jones, H.

AMENDMENT

Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

July 9, 2007

Sir:

This is in response to the Office Action mailed April 9, 2007, in connection with the above-identified application. The amendments are listed below and set forth on the following pages.

Amendments to the Claims;

Amendments to the Drawings;

Remarks are included following the amendments.